Depth 6	Contents 7	Reference to last Measurement 8

1 & Final

DBR No 04/17/18
DATED 28/04/17

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 157

Name of work: Providing Open Gym in parks of Yelahanka 3rd phase in ward no-04. From ..... To .....

Name of Contractor of nature of Agency: M/s. KRIDL

Date of commencement of work: 20/3/17.

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Name of work:- Providing open Gym in parks of Yelahanka 3rd phase in ward no-04						
	Est cost:- 25.00 lakhs, P.Code- P-3089 (CMC & TMC Grant)						
	Job code:- 004-17-000008						
	A.S No:- EE (Pr)/YNK/AS/07/16-17 Dt: 18/3/17						
	T.S No:- CE (YNK)/TS/1822/16-17 Dt: 20/3/17						
	Name of Agency:- M/s KRIDL						
	W.O No:- EE(Pr)/YNK Zone/WO/41/16-17 Dt: 20/3/17						
	Agg No:- EE(Pr)/YNK Zone/AGG/42/16-17. Dt: 20/3/17						
	Date of Commencement:- 20/3/17						
	Date of Completion:- 18/4/17						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item NO-01 Earth work ~~in~~ surface excavation in hard soil for levelling & lowering the ground manually (other than found^{n} of building, culverts, road drains & trenches of pipelines & cables) & removing the excavated stuff to a distance not exceeding 50m & lift upto 1.5m excavated surface levelled & neatly dressed disposed earth to be levelled after breaking of clods & neatly dressed as per specification. Qty Vide Pg no:- 3980 of MB-43/13-14 = 31.72 cum @ rate of Rs. 233.20/- Rs. 7397.69						
	Item NO-02 Earthwork excavation for found^{n} of building, water supply, sanitary						

Serial No.....

Name of work.....

Name of Contractor of nature of Agen

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	lines & electrical con ordinary soil not ex & sides of pits & tren of excavation with le as per specification Qty Vide Pg no:- @ rate

Depth 6	Contents 7	Reference to last Measurement 8
d for levelling & lowering the g, culverts, road drains & cavated stuff to a distance surface levelled & neatly ng of clods & neatly dressed		
	= 31.72 cum	
	Rs.	7397.69
, water supply, sanitary		

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 158

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	lines & electrical conduits either in pits or in trenches 1.5m & above in ordinary soil not exceeding 1.5m in depth including dressing the bottom & sides of pits & trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specification.						
	Qty Vide Pg no:- 398 of MB - 43/13-14					= 5.90 cum	
	@ rate of Rs. 200.34/-						
						Rs.	1182.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item NO-03						
	Refilling available earth around pipelines, cables in layers not exceeding 20cm in depth, compacting each deposited layer by ramming after watering with lead upto 50m & lift upto 1.5m including cost of all labour complete as per specification.						
	Qty Vide Pg no: 398 of MB-43/13-14 =					17.08 Cum.	
	@ rate of Rs. 80.56/- per cum						
						Rs. 1376-00	
	Item NO-04						
	Providing & fixing precast solid concrete kerb stones made out of c.c 1:2:4 with top & bottom width 114 & 165 mm respectively 400mm high & 450mm in length finished with cm 1:3 plastering & finishing cutting including form work, curing including cost of material, labour, hire charges of machinery, loading, unloading						

Serial No.....

Name of work.....

Name of Contractor of nature of Agenc

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	lead & lift transporta
	Qty Vide Pg no:
	@ rate
	Item NO: 05
	Providing & laying
	180kg, with 40mm
	FA@0.57Cum machi

Depth 6	Contents 7	Reference to last Measurement 8
ables in layers not exceeding		
ramming after watering with		
labour complete as per		
-	17.08 Cum.	
	Rs. 1376-00	
slabs made out of c.c 1:2:4		
00mm high & 450mm in length		
including form work, using		
achinery, loading, unloading		

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 159

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	lead & lift transportation etc complete.						
	Qty Vide Pg no: 3982 of MB- 43/13-14 =					228.00	Nos
	@ rate of Rs. 385.84/-						
						Rs.	87971.52
	Item No: 05						
	Providing & laying in position plain cement concrete of 1:4:8 with OPC @ 180kg. with 40mm & down size graded granite metal CA @ 0.85cum & FA @ 0.57cum machine mixed, concrete laid in layers, not exceeding						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Qty =	1 Nos	
	@ rate of	Rs. 1,70,000/-					
						Rs.	1,70,000/-

Item NO-19

Supply & fixing Self weighted Rower. All metal parts are 2.5 mm thick res, galvanised & zinc dipped. Robotic welded joints. All welded joints are scalloped & welded to an app mic profes. All welds are deemed of removing sharp edges & burrs. Zinc phosphate paint is applied at all welding joints. All metal parts are powder coated to 80-120 microns. All metal parts are tested in salt spray machine which has 5% NaCl solution in order to speed up corrosion by 3000 hrs. high quality gripsubber handle, Maintenance free ball bearing pre assembled equipment module. All product must display CE mark.

M.

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Num
1	2	3
	1390 x 805 x 1100 mm	Set
	@ rate of Rs.	1,6

Item NO-20

Supply & fixing HD Hea
- sed & zinc dipped. Joints
scalloped & welded to an
removing sharp edges & bu

M.A.R. 57 (Rule 116)

Measurement Book No. A/10

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1390 x 805 x 1100mm Wt: 42.4kg Safety area - 3790 x 3205 mm capacity 1 person				Qty=	1 Nos	
	@ rate of Rs.	1,65,000/-					
						Rs.	1,65,000/-
	Item NO-20						
	Supply & fixing HD Health walker. All tubular steel of 2.5 mm thick rem. galvanised & zinc dipped. Joints are robotic welded. All welded joints are scalloped & welded to an appr MIG proven. All welds are ground almost of removing sharp edges & burrs. Zinc primer paint is applied at all welding joints						

Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty =	1 Nos	
		Rs.	1,70,000/-

All metal parts are 2.5 mm thick rem, joints. All welded joints are scalloped ds are ground of removing sharp d at all welding joints. All metal s. All metal parts are tested in salt nder to speed up corrosion by , Maintenance free ball bearing product must display GS mark.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	prior to finishing. All metal part are powder coated to 80-120 microns. All metal parts are tested in salt spray machine with 5% Nacl soln in order to speed up corrosion by 3000 hrs. high quality rubber grip handle, maintenance free ball bearing. Pre assembled equip ment module. All product must display ISI mark.						
					Qty =	1 Nos	
	@ rate of Rs. 1,40,000/-						
						Rs.	1,40,000/-
	Item NO-21						
	Providing & fixing ornamental dolphin benches as per specification & fixing as per direction of Engg-in charge.						

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Num
1	2	3
	@ rate of Rs. 85	
	Item NO-22	
	Providing & fixing gran per the direction of engg-in -ch	
	@ rate of Rs. 10	

Depth 6	Contents 7	Reference to last Measurement 8
coated to 80-120 microns		
ine with 5% Nacl soln		
high quality rubber grip		
assembled equip ment		
Qty =	1 Nos	
	Rs. 1,40,000/-	
as per specification &		

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 168

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
					Qty =	10 Nos	
	@ rate of Rs.	8500/-				Rs.	85,000/-
	Item No-22						
	Providing & fixing granite benches as per design specifications & fixing as per the direction of eng-in-charge						
					Qty =	10 Nos	
	@ rate of Rs.	10,550/-				Rs.	105500/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	~~@ rate of Rs 4800/-~~				Qty =	~~5 NOS~~	
					~~To~~ AE	Rs ~~24,000~~ /-	
	Item NO-23						
	Providing & fixing dust bunsar per design drawings specification & direction of eng-in-charge.				Qty =	5 NOS	
	@ rate of Rs. 4800/-					Rs. 24,000/-	
	Item NO-24						
	Supply & fixing instruction board with BBMP logo & company of manufacturing logo finished product should have the foll specification 1inch x 16 Gauge sq metal frame, 2 inch by 16 Gauge round pipe powder						

Serial No.....

Name of work.....

Name of Contractor of nature of Agency..

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	coated fittings & clamps round 3.48m by 2 inch
	@ rate of Rs.
	Item NO-25
	Providing & resetting thick interlock pavers of blocks of approved

OK

Depth 6	Contents 7	Reference to last Measurement 8
	Qty = 5 NOS	
	Rs 24,000/-	
	AE	
esign drawings specification		
	Qty = 5 NOS	
	Rs. 24,000/-	
BBMP logo & company of ld have the foll specification 6 Gauge board pipe powder		

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 169

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	coated fittings & clamps suited flex 2 point 8½ pipe frame 12m × 0·3m round 3·48m by 2 inches × 16 gauge - 2 nos flex point - 1 no of safety instructions				Qty	1 NOS	
	@ rate of Rs. 15,332/-					Rs. 15,332/-	
	Item NO-25						
	Providing & reselting of available heavy duty cobble stones 60mm thick interlock pavers, using cement & course sand for manufacture of blocks of approved size, shape & colour with a min comp strength						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	of 28 kg/sq m over 50mm joints into its final level including final compaction of pavers surface joints with plate vibrator having 3 tons compaction force thereby forcing part of thick sand bed (avg thickness) & compacting sand underneath to come up in b/w laboure & Hom of machineries complete as per specification						
	Qty Vide Pg no:- 39870 MB-43/13-14					= 350 349.99	Sq m
	@ rate of Rs. 457.92/- per Sq m						
						Rs.	1,60,267.42
							160272/-
	Item NO-26						
	Providing & fixing of available heavy duty cobble stone 60mm thick interlock pavers, using cement & course sand for manufacture of blocks of approved size, shape & colour with a min comp strength of 281 kg/sq m						

Serial No.....

Name of work.....

Name of Contractor of nature of A

Date of commencement of work..

Date	Full description, etc, of wo
1	2
	over 50 mm joints final level includi plate vibrator ha s and underneath as per specificatio Qty Vide Pg no: @ rate of

OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
			ction of pavers surface joints bed (avg thickness) & compacting tion force thereby forcing part of ur & HOM of machineries complete
		350	
-14	=	349.99 Sqm	
Sqm			
		Rs. 1,60,267.42	
		160272/-	
			ty duty cobble stone 60mm thick nd for manufacture of blocks comp strength of 281 kg/sqm

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10

170

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	over 50mm joints final compaction of pavers surface joints into its final level including thick sand bed (avg thickness) & compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in b/w labour & HOM of machineries complete as per specifications.						
	Qty vide Pg no:- 3988 of		MB-4	3	13-14 =	150.02 Sqm	
			Qty Utd to		=	150.00 Sqm	150.00
	@ rate of Rs. 966.72/-						
						Rs. 1,45,008/-	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No-27						
	Providing & fixing M.S Gate as per chief Architect drawing, using 50mm x 50mm 14 guage m.s. hollow pipe frame work bent to Ornamental shape as shown in the drawing & 35mm x 6mm & 16x16mm square rods for verticals alternatively spaced at 4cm c/c in two halves & 40x6mm m.s flats for horizontal member & at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc complete. All the steel surface should be thoroughly cleaned free of rust & painted with anti corrosive paint (shop paint) etc complete. The work includes cost of material, labour, welding, cutting & grinding equipment & electricity charges with lead, lift, loading, unloading charges etc complete as per specification						
		1	3.00	1.70	=	5.10	Sqm
	@ rate of	Rs. 31	10.04/-	per Sqm			

Serial No.....

Name of work.....

Name of Contractor of nature of Agency...

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	Item No-28
	Removing & reselting necessary (excluding cos
	(Deduct missing Qty =
	@ rate of Rs.

Depth 6	Contents 7	Reference to last Measurement 8
Architect drawing, using		
ne work bent to Ornamental		
6mm & 16x16mm square rods		
c in two halves & 40x6mm		
st iron spikes are provided		
e drawing etc complete. All		
ed free of rust & painted with		
te. The work includes cost of		
quipment & electricity charges		
te complete as per specification		
= 5.10	Sqm	

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 171

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
						Rs.	15,861.00
	Item No-28						20
	Removing & resetting Mangalore tiles & replacing broken one wherever necessary (excluding cost of new tiles).						
		0.50	6	3.90	3.90 =	45.63	
	(Deduct missing Qty =	-	760	0.15	0.20 =	22.80	
						22.83	Sqm
	@ rate of Rs. 16.96/- per Sqm					Rs.	387.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item NO-29						
	Supply & fixing new Mangalore tiles on existing reepers						
	Missing Qty =	760	0.15	0.20	=	22.80	Sqm
	@ rate of Rs. 387.78/-						
						Rs.	8779.00
							8772.98
	Item NO-30						
	Head for earth work & disposal of debris shall be payable ad carriage rates by mechanical means including loading, unloading of earth work (upto 10km) complete with all lead & lift as per the direction of Engineer-in-charge.						
	Qty Vide Pg no:- 3988 of MB-43/13-14				=	20.54	cum

Serial No.....

Name of work.....

Name of Contractor of nature of Agenc

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	@ rate of Rs.

OOK

adth 5	Depth 6	Contents 7	Reference to last Measurement 8
on existing reepers			
20	=	22.80 Sqm	
			Rs. 8779.00 / 8772.98
ebris shall be payable ed including loading, unloading all lead & lift as per the			
-14	=	20.54 cum	

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 172

Serial No.....

Name of work.....From.....To.....

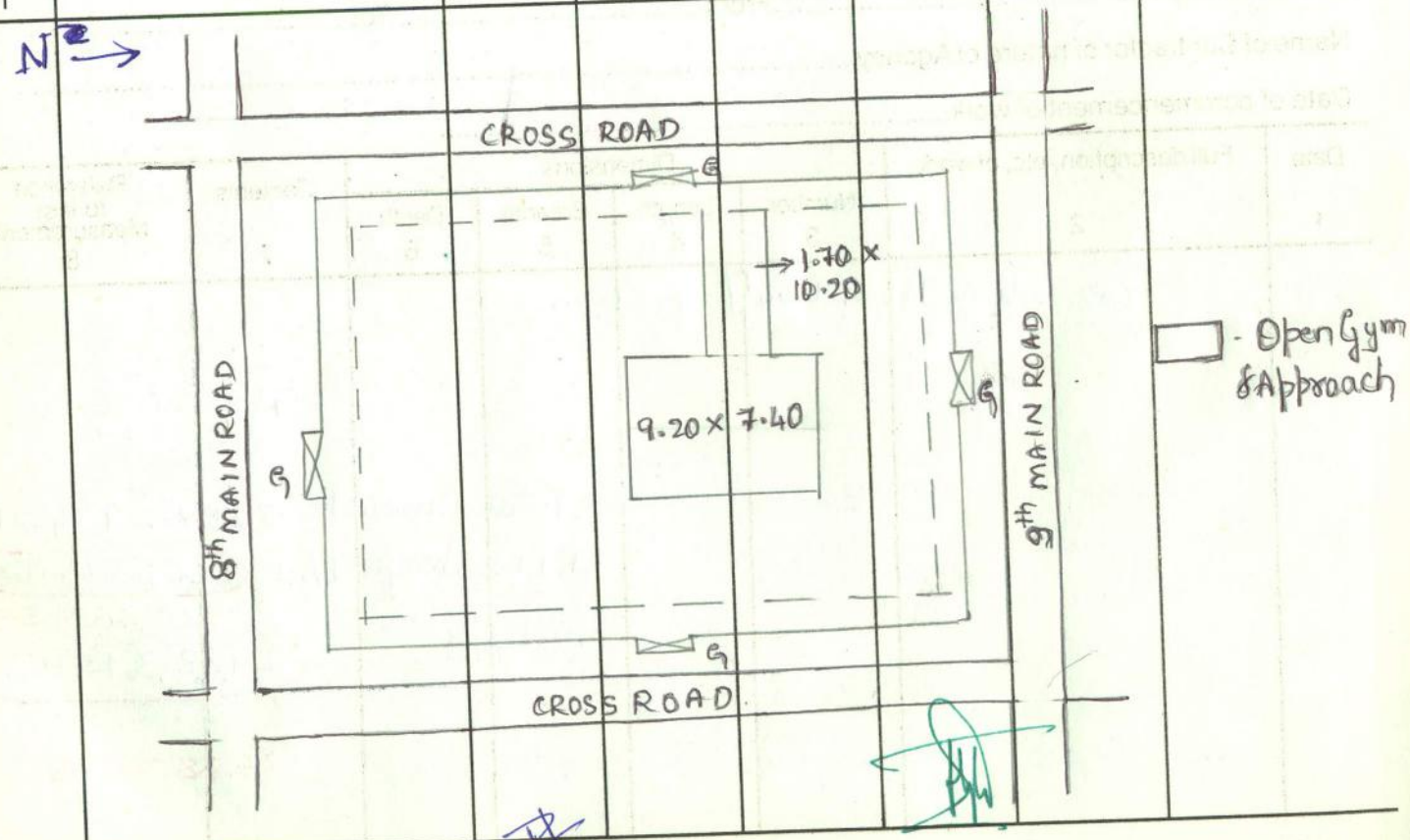
Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	@ rate of Rs. 99.64 /- per cum					Rs. 2046.66 / 22,82,928.34	
					Total Amount =	22 8 2934.24	
					KRIDL charges 9% =	205464.08 / 205463.55	
					Total Amt =	24,88,398.32 / 24,88,391.89	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



AE

Serial No.....

Name of work.....

Name of Contractor of nature of Agency

Date of commencement of work.....

Date	Full description, etc, of work
1	2

Certificate:-

1) Certified that the

2) Certified that the

3) Certified that there

Tripti Pandit
AE

Depth 6	Contents 7	Reference to last Measurement 8
	9th MAIN ROAD	- Open Gym & Approach

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 173

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Certificate:- 1) Certified that the work has completed satisfactory 2) Certified that the debris are removed from work spot 3) Certified that there is no departmental issues with the contractor Tripti Tandi AE						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1st Final : 24,88,391.89						
	2% IT : 49,768.00						
	4% VAT : 99,536.00						
	1% CESS : 24,884.00						
	0.1% CBF : 2,488.00						
	7.5% FSD : 1,86,629.00						
	LR : 5,591.00						
	T/D : 3,68,896.00						
	Net : 21,19,495.00						

Audited & Admitted for Rs. 24,88,391.89/-
Rs. 21,19,495/- by Cheque
and Rs. 3,68,896/- by Adjustment

Asstt. Engineer
Project Division
S.S.M.P.

Exe. Engineer
Project Division
S.S.M.P.

3/5/14

M.

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Num
1	2	3